

ENGLISH & LANGUAGE

CLASS TEXTS: *The Snowflake: a story of Water*; *The Promise*.

NARRATIVE: Following our exciting trip to Woodlands, the children will be writing persuasive texts and a brochures about their learning experiences there. The class will also learn a story by heart using actions and story mapping. The aim is to create a deeper understanding and identification with the content in order to apply their own ideas and invent their own stories and writing outcomes.

SPELLING / GRAMMAR

The class will begin to understand and use relative pronouns and clauses appropriately. The children will be able to apply and interlink this with their knowledge of brackets, dashes and commas to indicate parenthesis. During the second half of the summer term, we will also look at using commas to clarify meaning or avoid ambiguity.

We will be exploring various grammatical structures and learning how to apply this to improve writing including converting nouns or adjectives into verbs using suffixes -ate, -ise word endings. We will be learning how to improve our sentences by using a wide range of devices to build cohesion across paragraphs, such as using connectives, adverbials etc. We will also recap using the perfect form of verbs and expanded noun phrases.

READING: Guided reading will take place in groups daily and children will have a chance to make a personal choice of books from the school and class library. We will also be including an extra comprehension lesson to reinforce the children's understanding of what they read.

MFL: Latin

MATHEMATICS

- Mentally add and subtract 2-place decimals in the context of money using rounding.
- Use mathematical reasoning to explain findings, patterns and relationships, devising and test rules and use them to make predictions
- Solve problems involving addition, subtraction, multiplication and division and a combination of these; involving measure using decimal notation, including scaling
- Convert mixed numbers to improper fractions and vice versa.
- Multiply and divide numbers by 10, 100 and 1000 using 3-place decimal numbers in the calculations
- Read and mark co-ordinates in the first two quadrants; translate and reflect simple polygons, noting the effect on the co-ordinates.
- Make and identify cuboids, cubes, tetrahedra and pyramids from nets
- Solve problems involving multiplication and division including using their knowledge of factors and multiples, squares and cubes; use their notation.
- Use equivalence to compare and order fractions; Use equivalence to add and subtract related fractions
- Recognise and estimate volume and capacity using ccs and ml; relate negative numbers to temperature.
- Understand equivalence between fractions, percentages and decimals
- Read Roman numerals to 1000 (M) and recognise dates
- Statistics: complete, interpret and solve comparison, sum and difference problems using information presented in line graphs.

Earth Matters

Summer Term 2018 - Year 5



UNDERSTANDING THE ARTS

MUSIC: We will be exploring further music making by combining singing (unison and 2 part), drama and playing musical instruments.

ART: With our link to nature in science and geography this term, the children will be developing their techniques, including their control and their use of materials, creativity, experimentation and an increasing awareness of different kinds of art, craft and design. We will be studying the works of Adrian Gray and Andy Goldsworthy. We plan to use photography to document our work with sculptures and use the natural environment both in school and whilst at Woodlands. We will also be looking at the art of William Morris.

UNDERSTANDING PHYSICAL DEVELOPMENT, HEALTH & WELLBEING

PHYSICAL EDUCATION: We will be working through a variety of non-traditional sports to help the children improve their physical skills and understand the health benefits of physical activity. The children will also be applying their social and cognitive skills on the trip to Woodlands at the start of term, and athletics, rounders and cricket after half-term.

PSHE/SEAL: Relationships and change: We will talk and write about our opinions and explain our views on issues that affect society and us. We will recognise our worth as individuals, by identifying positive things about our achievements and identify and set personal goals.

SCIENTIFIC & TECHNOLOGICAL UNDERSTANDING

SCIENCE: Living things and their habitats: Study the life cycles of mammals, amphibians, insects and birds, including some unusual examples like egg-laying mammals and marsupials. Compare complete and incomplete metamorphosis. Find out about well-known naturalists and animal behaviourists. Propagate plants from different parts of the parent plant.

Animals, including humans: Discuss why living things need to reproduce and look in detail at human life cycle, comparing with other animals. Study physical and emotional changes at puberty.

COMPUTING: This term we will be using the computing programming tool, Scratch, to create animations that will be linked to our Science and Geography topics. The children will link their mathematical knowledge of coordinates to incorporate movement and image to their animations. Later on in the summer term, the children will be exploring the different uses for the internet, such as, how it is used for communication and collaboration: blogging and conference calling. The children will have an opportunity to create a class blog and write articles linked to our Geography topic.

RELIGIOUS EDUCATION

We will be looking at the key question "are you inspired?" exploring the work of the Holy Spirit and what Christians believe. We will also be discussing if religion is the most important influence and inspiration in everyone's life. After half term we will be exploring Islam.

HISTORICAL, GEOGRAPHICAL & SOCIAL UNDERSTANDING

GEOGRAPHY: Across the summer term, the class will study the water cycle and the physical geography of coasts and coastal features. The children will learn about coastal erosion and the impact of the sea on human activity. Along the way they will create a model of the water cycle, make a class glossary, film a news report and make an annotated model to teach other people about this fascinating topic. Our visit to Woodlands will help reinforce their understanding and provide a practical appreciation for the impact human activity has on physical landmarks.

Grow your Brain: this term we will be comparing the "fixed" and "Growth" mindset. By using creative arts and role-play the children will hear the story of "The day the Crayons Quit" and will think about how the brain works in each mindset.